



State of Utah

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Department of Administrative Services

KIMBERLY K. HOOD
Executive Director

Division of Facilities Construction and Management

F. KEITH STEPAN
Director

ADDENDUM #1

Date: April 18, 2007

To: Contractors

From: Michael A. Ambre, Project Manager, DFCM

Reference: UVSC – Heat Plant Waterproofing & Remodel
Utah Valley State College
Project Number 06311790

Subject: **Addendum No. 1**

Pages	Addendum	1	page
	<u>Architectural Revisions</u>	<u>4</u>	<u>pages</u>
	Total	5	pages

Note: This Addendum shall be included as part of the Contract Documents. Items in this Addendum apply to all drawings and specification sections whether referenced or not involving the portion of the work added, deleted, modified, or otherwise addressed in the Addendum. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to Disqualification.

1.1 SCHEDULE CHANGES – There are no schedule changes per this addendum.

1.2 GENERAL – See attached architectural revisions - Scott P. Evans Architect & Associates.

End of Addendum #1



Wednesday, April 18, 2007

PROJECT:

**UTAH VALLEY STATE COLLEGE
HEAT PLANT PLAZA IMPROVEMENTS
D.F.C.M. PROJECT #06311790**

ADDENDUM NO. 1

The Architect, as a clarification and addition, issues the data included herein to drawings, specifications, and contract documents relative to the above project. Except as effected by data herein, all other parts of the Contract Documents shall remain in full force and effect as issued by the Architect, **April 04, 2007** (This Date Applies to all Project Bid Documents). It shall be the sole responsibility of the bidder to appropriately disseminate this data to all concerned prior to the assigned bid date and time. Receipt of the addendum shall be recorded by the bidder in the appropriate space on the proposal form included in the Contract Documents.

I. GENERAL ITEMS

Item #1

Replace sheet AE-102 from the original construction documents with the revised sheet AE-102r1 attached to this document. The changes to this sheet include the following:

- Removal of existing plaza drains and the installation of new drains (relocated) to be tied into existing drain piping that daylight through the adjacent concrete wall.
- New conduit, conductors, controls, and heat tape etc. for the new drain lines.
- Removal of sand base beneath the asphalt pavers in Alternate #1.
- Change of the concrete joint pattern on Alternate #2 from a 5'-0" square pattern to a 10'-0" square pattern (still on campus grid).

Item #2

Drawing sheet AD-102.

- Change note #7 to read "Existing plaza drain to be removed. Salvage portions of drain lines that may be reused / tied into new, drains – see revised sheet AE-102."

Utah Valley State College
Heat Plant Plaza Improvements
Addendum #1

Item #3

Drawing sheet AE-101. Grid G.6 & between grids 5.6 & 5.7

- Provide Carlisle "Sure-Seal Interlocking Rubber Paver System" (or equal) at exterior landing area of existing door into the Student Center. – Paver system is to be 4'x4' and is to be cut as required around base of boiler stack.

Item #4

Supplementary Drawing ASD-01

- Please find Supplementary Drawing ASD-01 attached to this document. This drawing covers the new electrical work that is to take place in area #2 if alternates #1 or #2 are accepted.

Item #5

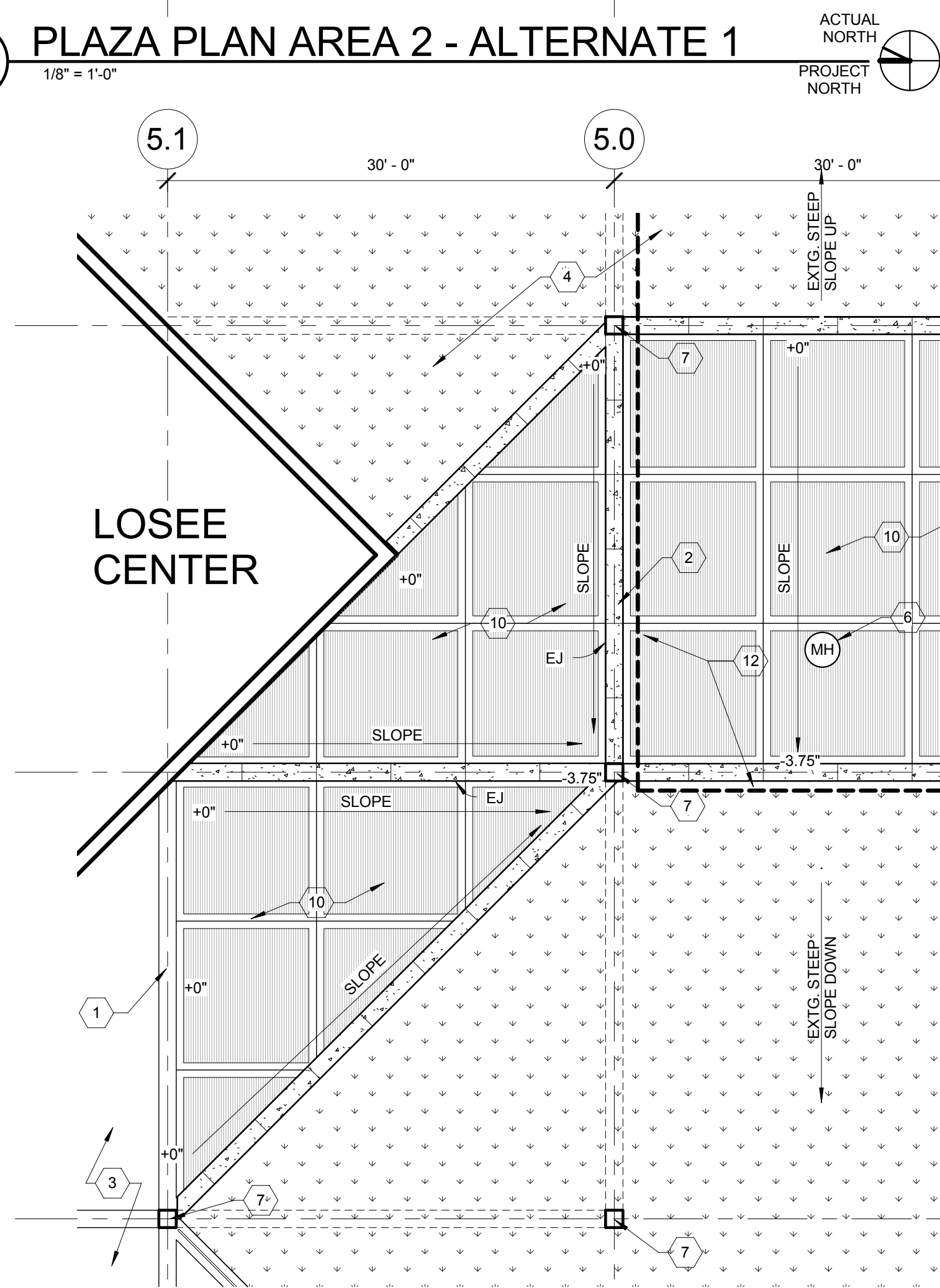
PRIOR APPROVALS:

The following manufacturers, trade names and products are allowed to bid on a name-brand-only basis with the provision that they completely satisfy all and every requirement of the drawings, specifications and all addenda and shall conform to the design, quality and standards specified, established and required for the complete and satisfactory installation and performance of the building and all its respective parts.

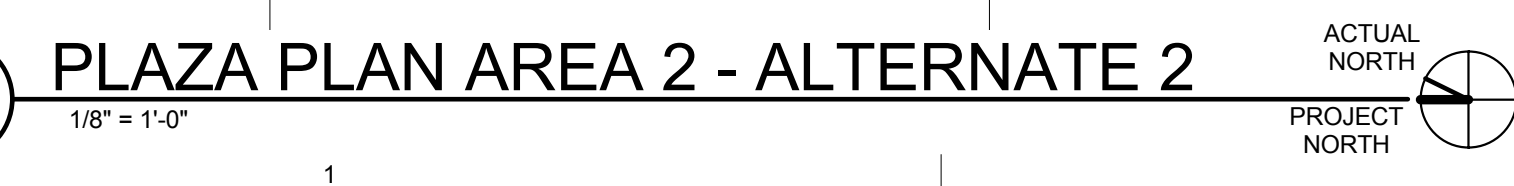
<u>Item</u>	<u>Manufacturer</u>	<u>Stipulations:</u>
Light Bollard	LITHONIA # KBC8-100M-R5-277-LPI-DDB	

Last Printed: 4/18/2007 2:59:04 PM

C1 PLAZA PLAN AREA 2 - ALTERNATE 1
1/8" = 1'-0"



A1 PLAZA PLAN AREA 2 - ALTERNATE 2
1/8" = 1'-0"



**SPARKS
AUTOMOTIVE
BLDG.**

**LOSEE
CENTER**

KEYED NOTES

- EXISTING PRECAST CONCRETE FEATURE STRIP TO REMAIN.
- NEW PRECAST CONCRETE FEATURE STRIP - 2 1/2" THICK, 1'-2" WIDE AND 60" LONG - JOINTS ARE TO ALIGN WITH CAMPUS GRID SYSTEM - SET ON 2" SAND BED - PROVIDE #2 BAR LOOPS (2 PER 5' SECTION) DRILLED AND EPOXIED INTO NEW CONCRETE BASE - PROVIDE HOLES/CHANNELS IN BOTTOM OF PRECAST STRIPS ALONG GRID H.0 FROM GRIDS 4.7 TO 5.1 TO ALLOW WATER DRAINAGE BENEATH THE PAVERS ONTO THE GRASS.
- EXISTING ASPHALT PAVER SYSTEM TO REMAIN - PROTECT FROM DAMAGE.
- EXISTING LAWN / LANDSCAPING - PROTECT FROM DAMAGE - REWORK / MODIFY EDGES AFFECTED BY NEW WORK.
- NEW PLAZA DRAIN SYSTEM - SLOPE NEW WALKING SURFACE IN THIS AREA TO DRAIN - INSTALL PER THE FOLLOWING:

Alternate #1:
Install new drain, DD-3, connect new drain piping to existing piping. See plumbing specifications for fixture specification.

Alternate #2:
Install new drain, DD-3, remove perforated extension on drain body for installation in slab on grade. Connect new drain piping to existing piping. See plumbing specifications for fixture specification.
- EXISTING MANHOLE / COVER - MODIFY AS REQUIRED TO BE FLUSH WITH NEW WALKING SURFACE.
- EXISTING CONCRETE COLUMN - PROTECT FROM DAMAGE - CLEAN SURFACES WHICH ARE CURRENTLY BELOW GRADE THAT WILL BE EXPOSED DUE TO NEW WORK (WHERE OCCURS)
- EXISTING CONCRETE STAIR SYSTEM, CONCRETE WALLS, CONCRETE MONUMENT AND STEEL PIPE RAILING - PROTECT FROM DAMAGE - REWORK CONCRETE RAILING SUPPORT AT BOTTOM OF STAIR TO PROVIDE A FLUSH AND FINISHED APPEARANCE WITH NEW WALKING SURFACE.
- NEW 6"x12"x2 1/2" THICK ASPHALT PAVER SYSTEM ON NEW DRAINAGE MAT ON NEW 4" THICK CONCRETE ON NEW 4" GRAVEL BASE - PROVIDE NEW SLOPE AS INDICATED - JOINTS ARE TO BE A MAX. OF 1/8" - SWEEP SAND IN ALL JOINTS
- NEW 4" THICK CONCRETE WALK SYSTEM ON NEW 4" GRAVEL BASE - PROVIDE NEW SLOPE AS INDICATED - JOINTS ARE TO ALIGN WITH CAMPUS GRID - BROOM FINISH CENTER OF EACH SECTION LEAVING A SMOOTH SURFACE OF 6" AT THE PERIMETER - PROVIDE 1'-2" WIDE DIVIDER STRIPS AS INDICATED AT GRID LINES / PERIMETER.
- NEW PRECAST CONCRETE WALL CAP - SIM. TO C3/AE-501 - F.V. JOINT LOCATIONS TO WORK WITH EXISTING RAILING POSTS.
- NEW CONDUIT, WIRING, CONTROLS ETC. TO SUPPORT NEW HEAT TAPE THAT IS TO BE INSTALLED IN THE DRAIN LINES - SEE SUPPLEMENTARY DRAWING ASD-01.
- DRAIN PIPING UNDERGROUND - TIE NEW PIPING INTO EXISTING AS REQUIRED - EXISTING PIPE DAYLIGHTS THRU FACE OF CONCRETE WALL - PROVIDE NEW HEAT TAPE IN DRAIN LINES - SEE SUPPLEMENTARY DRAWING ASD-01.

GENERAL NOTES

- THE CONTRACTOR IS RESPONSIBLE TO THOROUGHLY UNDERSTAND THE DRAWINGS, BUILDING, SYSTEMS, STRUCTURE, ETC. PRIOR TO BEGINNING THE CONSTRUCTION PROCESS. CAREFUL COORDINATION BETWEEN THE ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS AS WELL AS COORDINATION OF TRADESMEN ON THE JOB IS THE RESPONSIBILITY OF THE CONTRACTOR. ANY QUESTIONS OR VARIATION IN DRAWINGS AND EXISTING CONDITIONS SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION AT THE EARLIEST POSSIBLE OPPORTUNITY.
- ALL DIMENSIONS ARE TO BE FIELD VERIFIED. ANY VARIATIONS IN DIMENSIONS ARE TO BE REVIEWED WITH THE ARCHITECT



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ELECTRICAL ENGINEER
SPECTRUM ENGINEERS
STC/ELM

PROJECT NAME:

**UTAH VALLEY STATE COLLEGE
HEAT PLANT PLAZA
IMPROVEMENTS**

OREM, UTAH

REVISIONS: **A**

NO. DATE DESCRIPTION

ISSUED:

NO. DATE DESCRIPTION

CD 04/02/07 CONSTRUCTION DOCUMENTS

OWNER PROJECT #: 06311790

SPE PROJECT #: 06-43

DRAWN BY: GTE

CHECKED BY: SPE

DESIGNED BY: SPE

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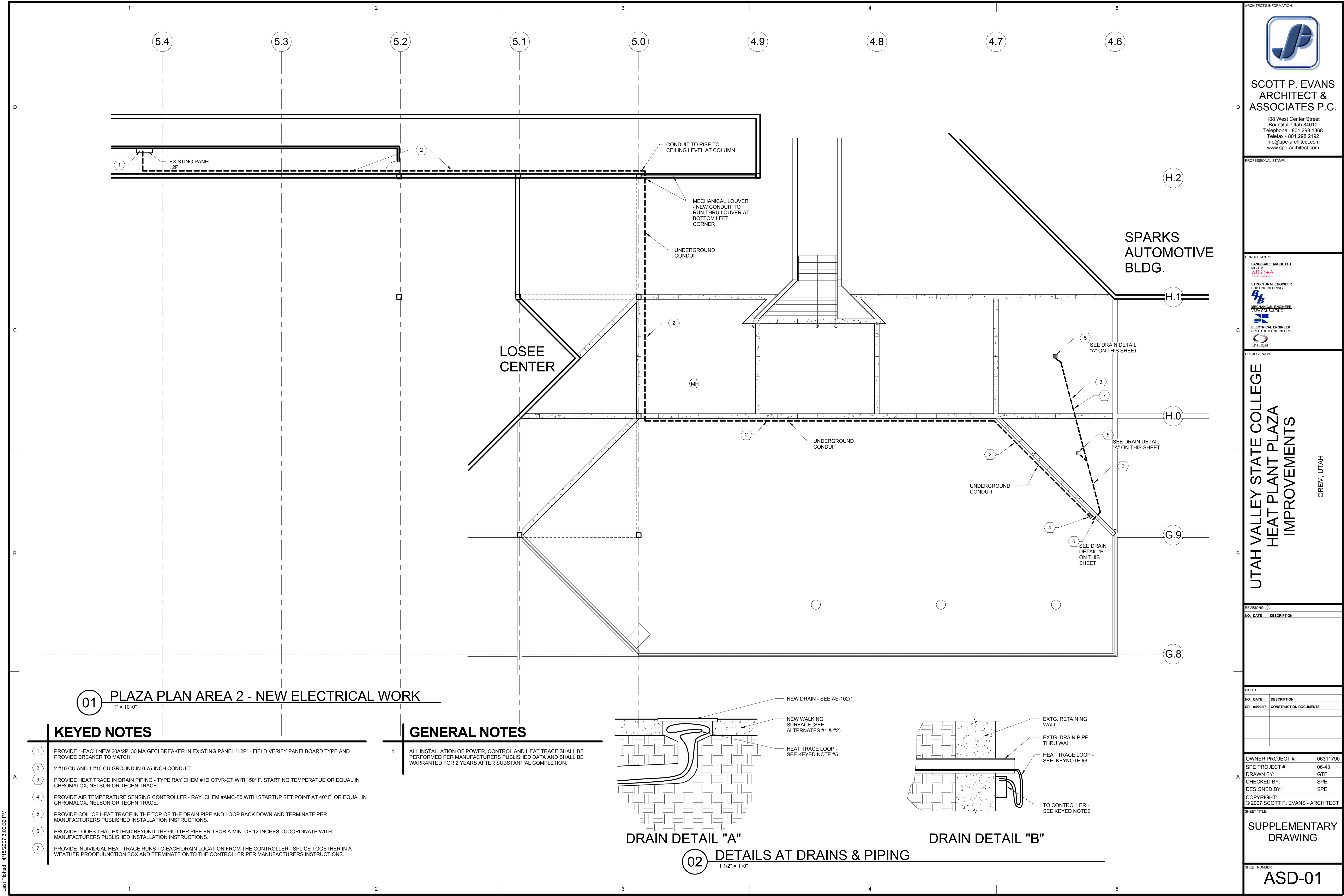
SHEET TITLE:

**PLAZA PLAN
AREA 2**

SHEET NUMBER:

AE-102r1

Revised 04/18/07 - Addendum #1



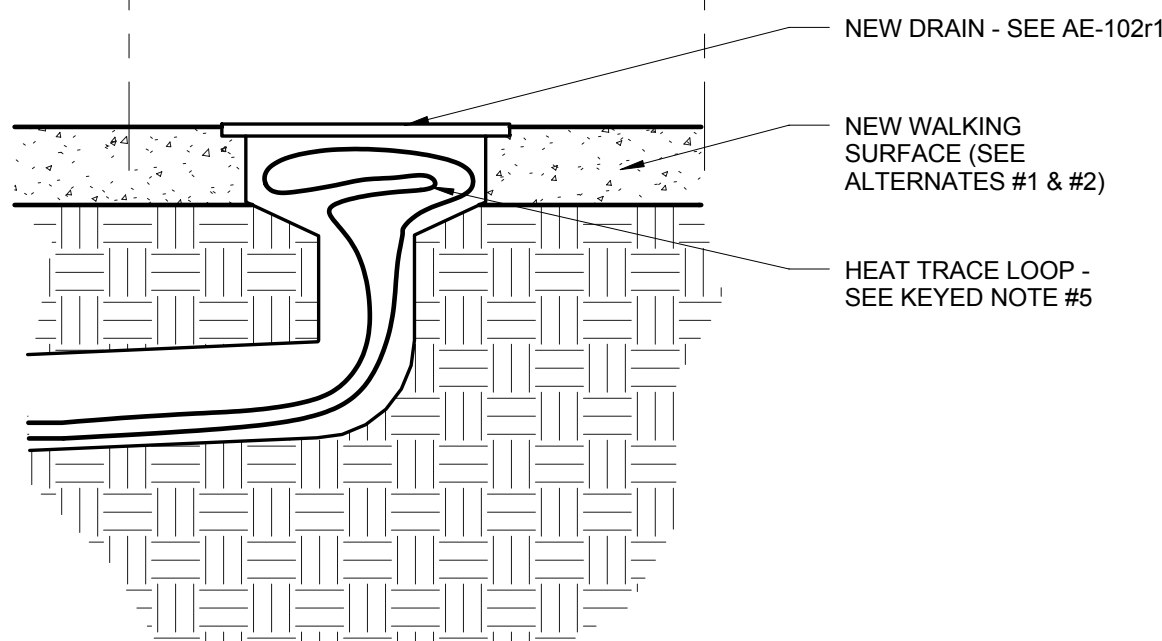
01 PLAZA PLAN AREA 2 - NEW ELECTRICAL WORK
1" = 10'-0"

KEYED NOTES

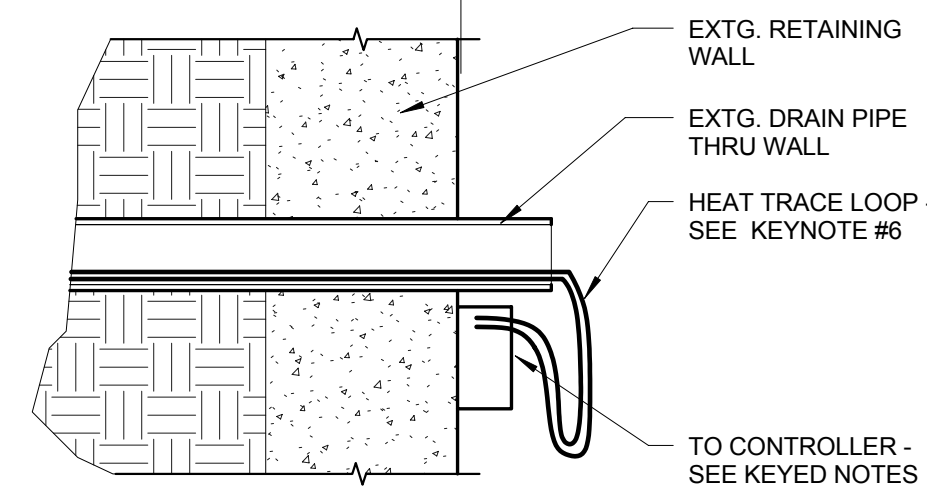
- 1 PROVIDE 1-EACH NEW 20A/2P, 30 MA GFCI BREAKER IN EXISTING PANEL "L2P" - FIELD VERIFY PANELBOARD TYPE AND PROVIDE BREAKER TO MATCH.
- 2 2 #10 CU AND 1 #10 CU GROUND IN 0.75-INCH CONDUIT.
- 3 PROVIDE HEAT TRACE IN DRAIN PIPING - TYPE RAY CHEM #10 QTVR-CT WITH 50° F. STARTING TEMPERATUE OR EQUAL IN CHROMALOX, NELSON OR TECHNITRACE.
- 4 PROVIDE AIR TEMPERATURE SENSING CONTROLLER - RAY CHEM #AMC-F5 WITH STARTUP SET POINT AT 40° F. OR EQUAL IN CHROMALOX, NELSON OR TECHNITRACE.
- 5 PROVIDE COIL OF HEAT TRACE IN THE TOP OF THE DRAIN PIPE AND LOOP BACK DOWN AND TERMINATE PER MANUFACTURERS PUBLISHED INSTALLATION INSTRUCTIONS.
- 6 PROVIDE LOOPS THAT EXTEND BEYOND THE GUTTER PIPE END FOR A MIN. OF 12-INCHES - COORDINATE WITH MANUFACTURERS PUBLISHED INSTALLATION INSTRUCTIONS.
- 7 PROVIDE INDIVIDUAL HEAT TRACE RUNS TO EACH DRAIN LOCATION FROM THE CONTROLLER - SPLICE TOGETHER IN A WEATHER PROOF JUNCTION BOX AND TERMINATE ONTO THE CONTROLLER PER MANUFACTURERS INSTRUCTIONS.

GENERAL NOTES

- 1. ALL INSTALLATION OF POWER, CONTROL AND HEAT TRACE SHALL BE PERFORMED PER MANUFACTURERS PUBLISHED DATA AND SHALL BE WARRANTED FOR 2 YEARS AFTER SUBSTANTIAL COMPLETION.



DRAIN DETAIL "A"



DRAIN DETAIL "B"

02 DETAILS AT DRAINS & PIPING
1 1/2" = 1'-0"



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VEFA CONSULTING

ELECTRICAL ENGINEER
SPECTRUM ENGINEERS

PROJECT NAME:

UTAH VALLEY STATE COLLEGE
HEAT PLANT PLAZA
IMPROVEMENTS

OREM, UTAH

REVISIONS:

NO. DATE DESCRIPTION

ISSUED:

NO. DATE DESCRIPTION

CD 040207 CONSTRUCTION DOCUMENTS

OWNER PROJECT #: 06311790

SPE PROJECT #: 06-43

DRAWN BY: GTE

CHECKED BY: SPE

DESIGNED BY: SPE

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SHEET TITLE:

SUPPLEMENTARY
DRAWING

SHEET NUMBER:

ASD-01